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First Named Inventor: Vinod Philip

Application No. 10/733,740

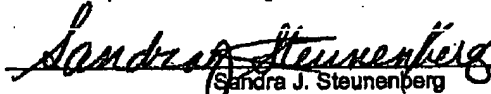
Attny Docket No: 2003P15291US

Filed: 12/11/2003

Title: Repair of Zirconia-Based Thermal Barrier Coatings

Examiner: Katherine A. Bareford

Art Unit: 1762

➔ **FACSIMILE ATTN TO: KATHERINE A. BAREFORD FAX NO.: 703-872-9306****RESPONSE TO FINAL OFFICE ACTION**Commissioner for Patents  
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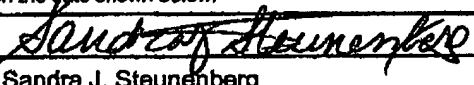
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| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/733,740             |              |
|   | Filing Date          | 12/11/2003             |              |
|   | First Named Inventor | Vinod Phillip          |              |
|   | Art Unit             | 1762                   |              |
|   | Examiner Name        | Katherine A. Bareford  |              |
| Total Number of Pages in This Submission  | 5                    | Attorney Docket Number | 2003P15291US |

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| Firm                                       | SIEMENS   |          |        |
| Signature                                  |  |          |        |
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**SIEMENS**PATENT  
Attorney Docket No. 2003P15291US**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Inventor: V. Philip )

Serial No.: 10/733,740 )

Filed: November 12, 2003 )

Group Art Unit: 1762

Examiner: K. Bareford

Title: REPAIR OF ZIRCONIA-BASED THERMAL BARRIER COATINGS

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO FINAL OFFICE ACTION**

In response to the final Office Action mailed April 18, 2005, Applicants respectfully submit the following amendments and remarks in connection with the above-identified application to place the claims in condition for allowance or to place the claims in better form for appeal should the Examiner dispute the patentability of the amended claims.